Registration Form

TEAM INFORMATION

Team Name/Project Title: Cyber In The City

Department: Computer Science

Faculty Advisor: Haadi Jafarian

Team Members: Christopher Corona, Taylor Daly, Serin Yu

PROJECT INFORMATION

Description:

*Cyber In The City* is a virtual center for sharing cybersecurity-focused information to the CU Denver community and for collaboration among security specialists in Denver.

Abstract:

The goal of this project is to build a campus-wide portal for cybersecurity-focused information sharing and collaboration. This project is done as a requirement for the department’s application for Center of Academic Excellence for Cyber Defense (CAE-CyberDefense) designation for both undergraduate and graduate programs which is done through a rigorous accreditation process by National Security Agency. Our project uses secure-by-design methodology which relies on a variety of security practices to create a trustworthy infrastructure for information sharing and collaboration. It relies on interoperability for reliable, credible, and efficient content generation and storage through trusted APIs (NewsAPI, Indeed’s Job Search API, etc.) and cloud services. Machine learning technologies are utilized to extract appropriate contents from these large pools of data to populate our pages for career opportunities and current cybersecurity related news. The UI is built for easy navigation for the user and great flexibility for the administrator to be able to customize the site and add additional information in the future.